

SEQUENCE LISTING



<110> Vrjic, Marina
Eggeling, Lothar
Sahm, Harmann

<120> PROCESS FOR THE MICROBIAL PRODUCTION OF AMINO ACIDS BY
BOOSTED ACTIVITY OF EXPORT CARRIERS

<130> fj122 oct99

<140> 09/105,117
<141> 1998-06-17

<150> PCT/DE96/02485
<151> 1996-12-18

<150> 195 48 222.0
<151> 1995-12-22

<160> 3

<170> PatentIn Ver. 2.1

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<213> Corynebacterium glutamicum

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Ser Arg Thr Gln Pro Ala Lys Ala Thr Glu Ala Gly Glu Val Leu Val
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Gln Ala Ala Arg Lys Met Val Leu Leu Gln Ala Glu Thr Lys Ala Gln
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Leu Ser Gly Arg Leu Ala Glu Ile Pro Leu Thr Ile Ala Ile Ala Ala
85 90 95

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Asp Ser Leu Ser Thr Trp Phe Pro Pro Val Phe Ala Glu Val Ala Ser
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Trp Gly Gly Ala Thr Leu Thr Leu Arg Leu Glu Asp Glu Ala His Thr
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Leu Ser Leu Leu Arg Arg Gly Asp Val Leu Gly Ala Val Thr Arg Glu
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Ala Ala Pro Val Ala Gly Cys Glu Val Val Glu Leu Gly Thr Met Arg
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His Leu Ala Ile Ala Thr Pro Ser Leu Arg Asp Ala Tyr Met Val Asp
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Gly Lys Leu Asp Trp Ala Ala Met Pro Val Leu Arg Phe Gly Pro Lys
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Asp Val Leu Gln Asp Arg Asp Leu Asp Gly Arg Val Asp Gly Pro Val
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20 25 30

Ile Lys Arg Glu Gly Leu Ile Ala Val Leu Leu Val Cys Leu Ile Ser
35 40 45

Asp Val Phe Leu Phe Ile Ala Gly Thr Leu Gly Val Asp Leu Leu Ser
50 55 60

Ala Ala Ala Pro Ile Val Leu Asp Ile Met Arg Trp Gly Gly Ile Ala
65 70 75 80

Tyr Leu Leu Trp Phe Ala Val Met Ala Ala Lys Asp Ala Met Thr Asn
85 90 95

Lys Val Glu Ala Pro Gln Ile Ile Glu Glu Thr Glu Pro Thr Val Pro
100 105 110

Asp Asp Thr Pro Leu Gly Gly Ser Ala Val Ala Thr Asp Thr Arg Ala
115 120 125

Arg Val Arg Val Glu Val Ser Val Asp Lys Gln Arg Val Trp Val Lys
130 135 140

Pro Met Leu Met Ala Ile Val Leu Thr Trp Leu Ala Pro Ala Ala Tyr
145 150 155 160

Leu Asp Ala Phe Val Phe Ile Gly Gly Val Gly Ala Gln Tyr Gly Asp
165 170 175

Thr Gly Arg Trp Ile Phe Ala Ala Gly Ala Phe Ala Ala Ser Leu Ile
180 185 190

Trp Phe Pro Leu Val Gly Phe Gly Ala Ala Ala Leu Ser Arg Pro Leu
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Ser Ser Pro Lys Val Trp Arg Trp Ile Asn Val Val Val Ala Val Val

210

215

220

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